Title (en)
DATA TRANSMISSION DEVICE, REPEATER DEVICE, DATA TRANSMISSION/RECEPTION DEVICE, AND DATA COMMUNICATION METHOD

Title (de)
"DATENSENDEEINRICHTUNG, ZWISCHENVERSTÄRKEREINRICHTUNG, DATENSENDE-/EMPFANGSEINRICHTUNG UND DATENKOMMUNIKATIONSVERFAHREN"

Title (fr)
DISPOSITIF DE TRANSMISSION DE DONNEES, DISPOSITIF REPETEUR, DISPOSITIF DE TRANSMISSION/RECEPTION DE DONNEES ET PROCEDE DE COMMUNICATION DE DONNEES

Publication
EP 1489786 A4 20080416 (EN)

Application
EP 03712862 A 20030324

Priority
- JP 0303538 W 20030324
- JP 2002088117 A 20020327

Abstract (en)
[origin: EP1489786A1] A data receiver (201) or gateway (203) notifies a data transmitter (202) of error conditions in the data receiver (201) or gateway (203) via networks 1 (204) and 2 (205). According to the error conditions, the data transmitter (202) transmits data at a packet length corresponding to the error rate even for the higher level protocol common the networks 1 (204) and 2 (205) , as well. Thus, the fraction of packets lost can be reduced in the higher level protocol common to the networks 1 (204) and 2 (205). <IMAGE>

IPC 1-7
H04L 12/56; H04L 1/00

IPC 8 full level
H04L 1/00 (2006.01); **H04L 12/66** (2006.01); **H04L 47/36** (2022.01); **H04L 47/43** (2022.01)

CPC (source: EP US)
H04L 1/0007 (2013.01 - EP US); **H04L 47/10** (2013.01 - US); **H04L 47/19** (2013.01 - EP US); **H04L 47/26** (2013.01 - EP US); **H04L 47/36** (2013.01 - EP US); **H04W 8/04** (2013.01 - US); **H04W 28/02** (2013.01 - EP); **H04L 47/43** (2022.05 - EP); H04W 28/06 (2013.01 - EP US)

Citation (search report)
- [Y] GB 2351874 A 20010110 - NEC CORP [JP]
- [Y] EP 1120932 A1 20010801 - ABB RESEARCH LTD [CH]
- [A] US 5959974 A 19990928 - BADT DANIEL EDWARD [US], et al
- See references of WO 03081853A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 1489786 A1 20041222; **EP 1489786 A4 20080416**; CN 1640072 A 20050713; JP 2003283562 A 20031003; US 2005086576 A1 20050421; US 7191370 B2 20070313; WO 03081853 A1 20031002

DOCDB simple family (application)
EP 03712862 A 20030324; CN 03804628 A 20030324; JP 0303538 W 20030324; JP 2002088117 A 20020327; US 50116004 A 20040713